

FIG. 1A-1

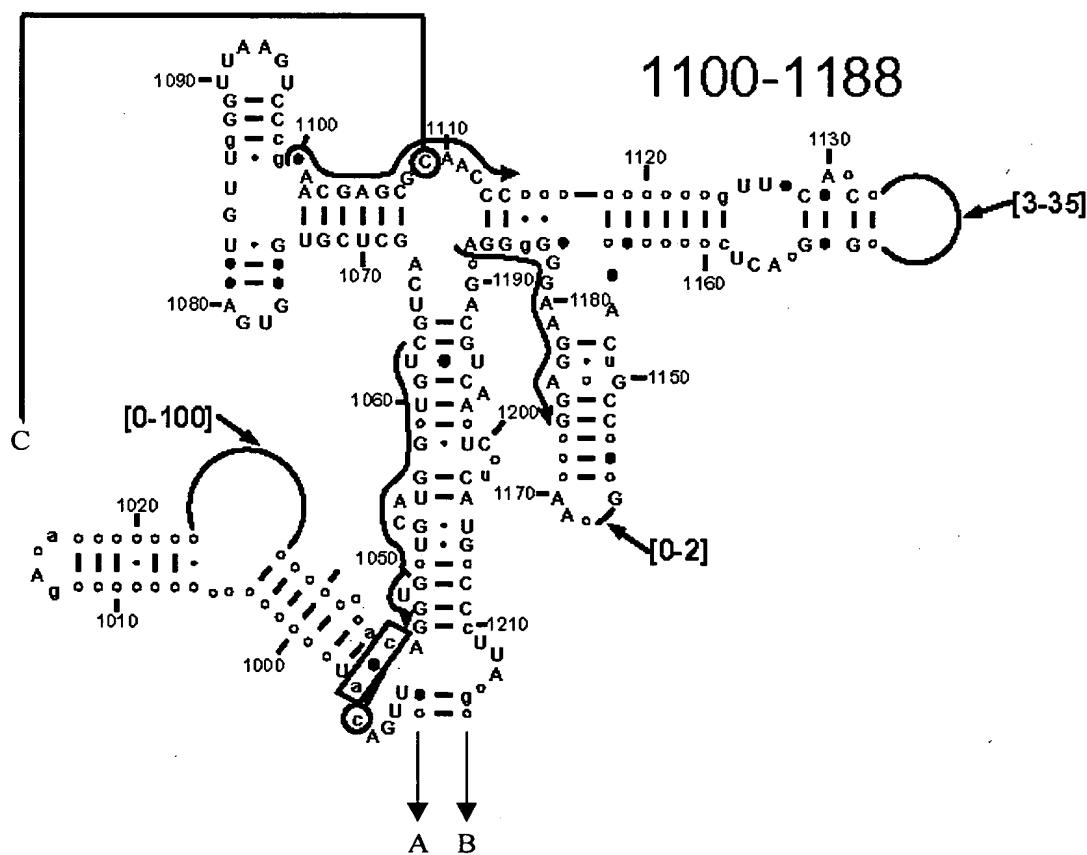


FIG. 1A-2

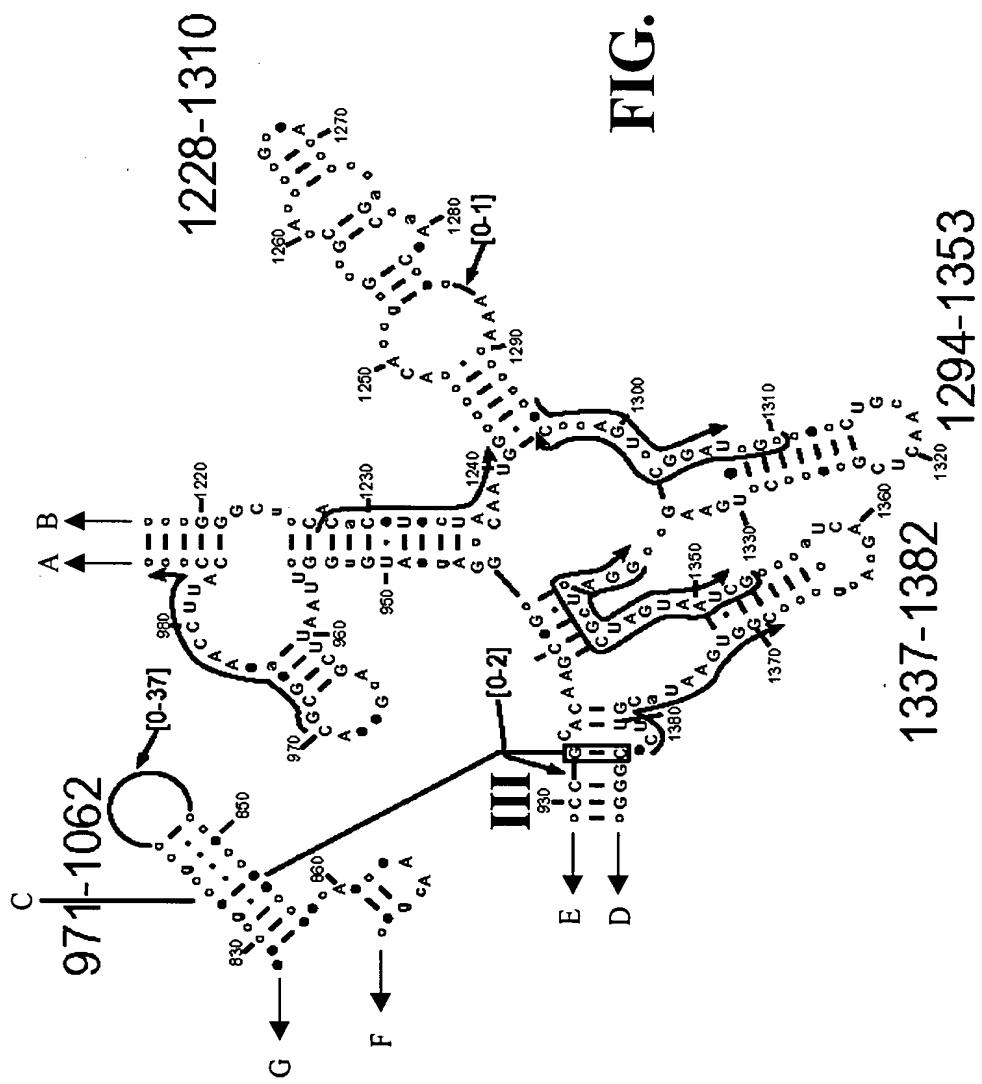


FIG. 1A-3

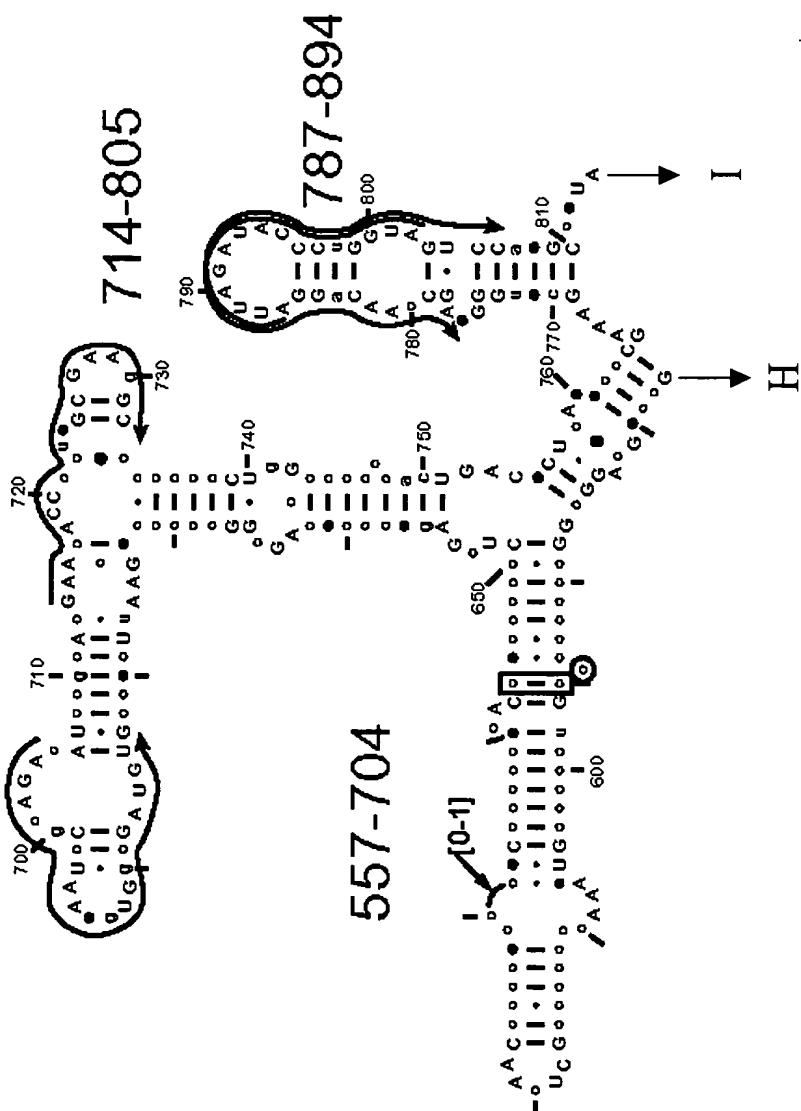
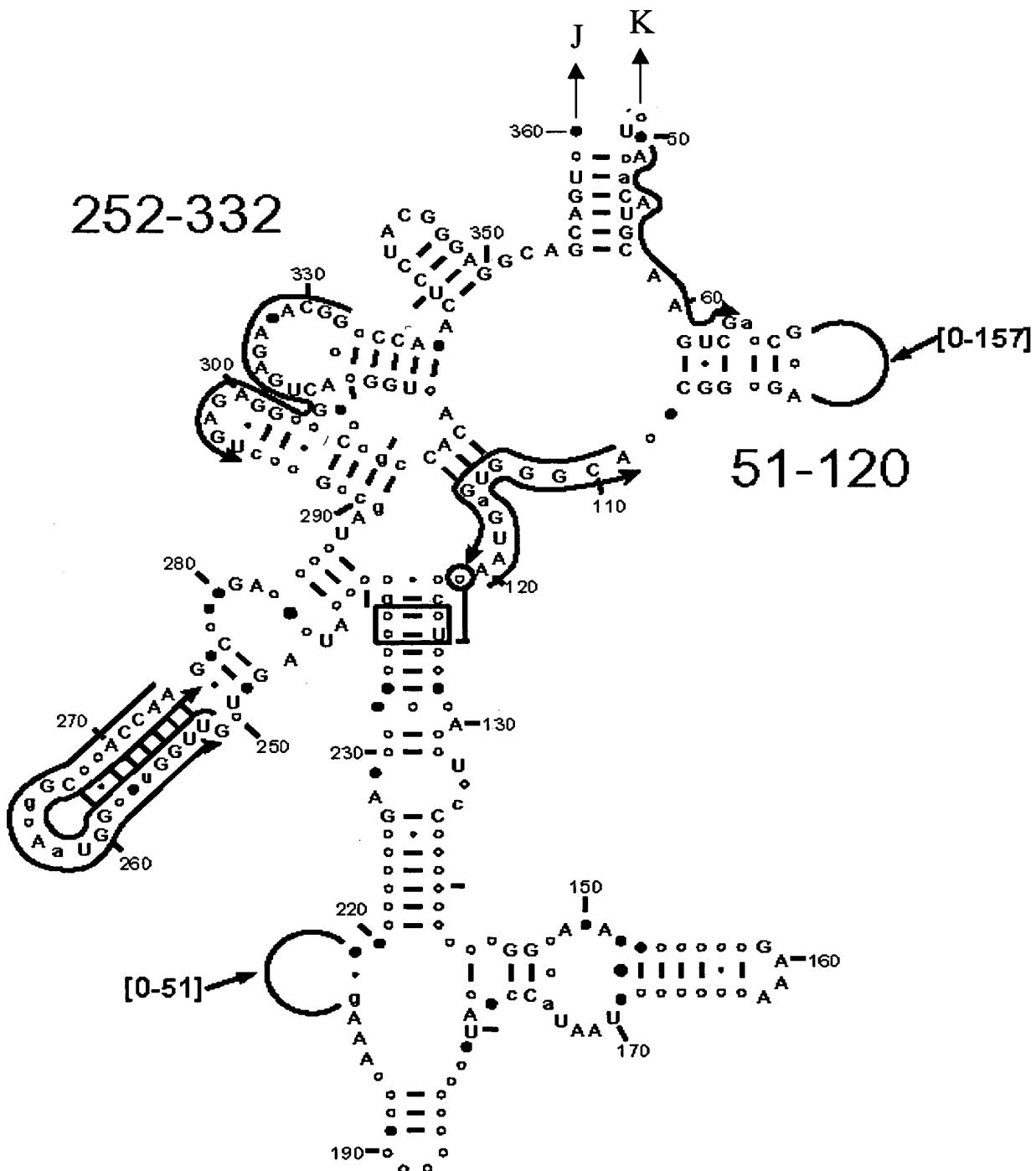


FIG. 1A-4



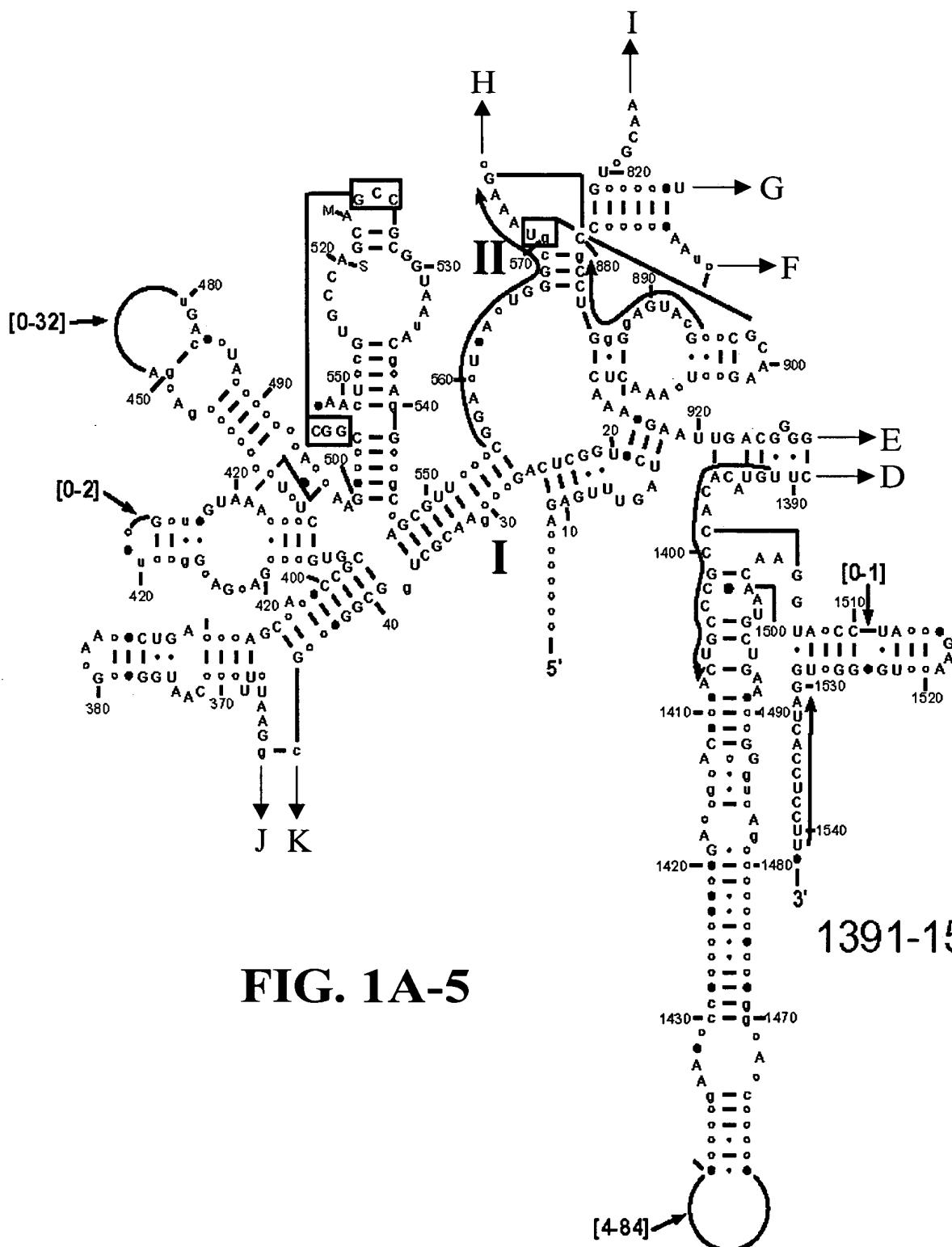


FIG. 1B

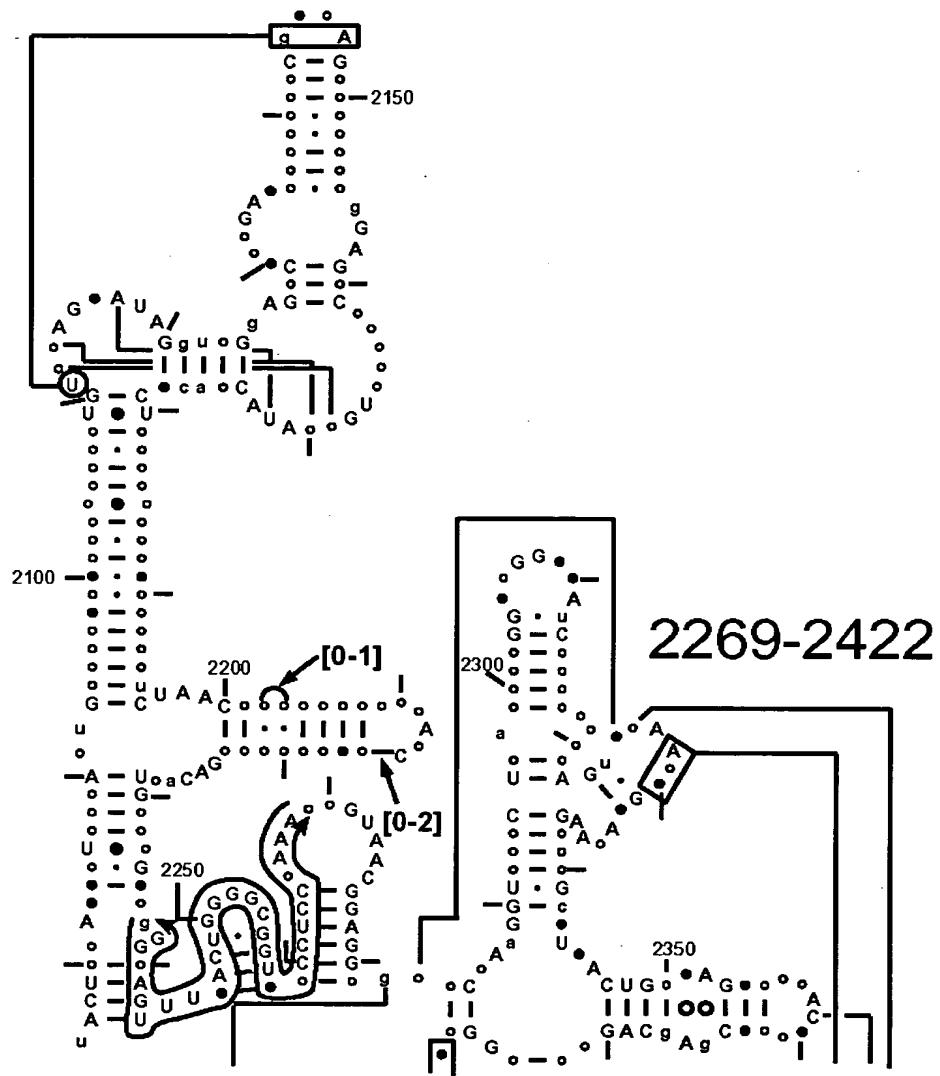


FIG. 1C

1778-1841

Note: TA in E. coli replaced with CC so that the reverse complement becomes GG to match with predominant YY

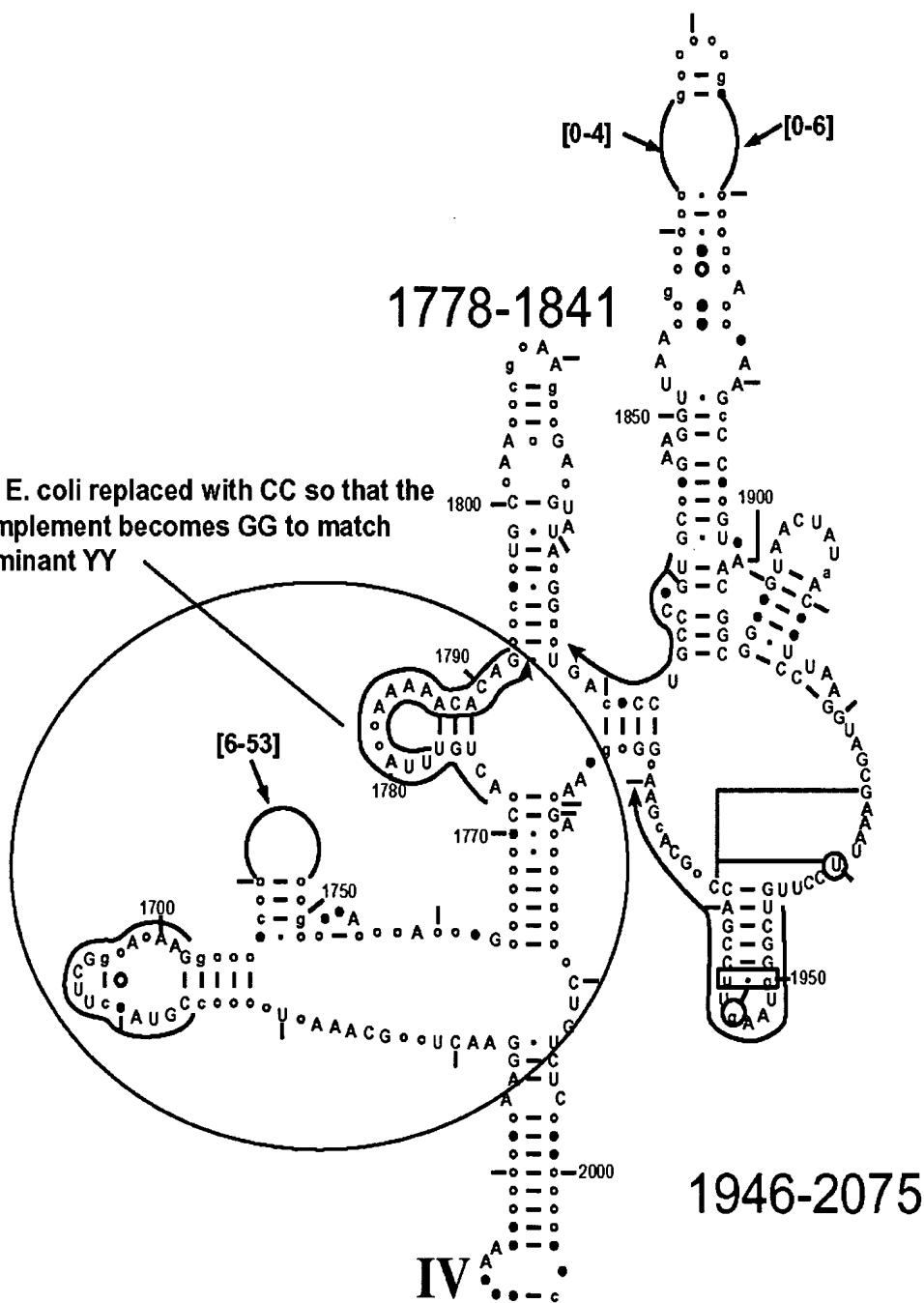


FIG. 1D

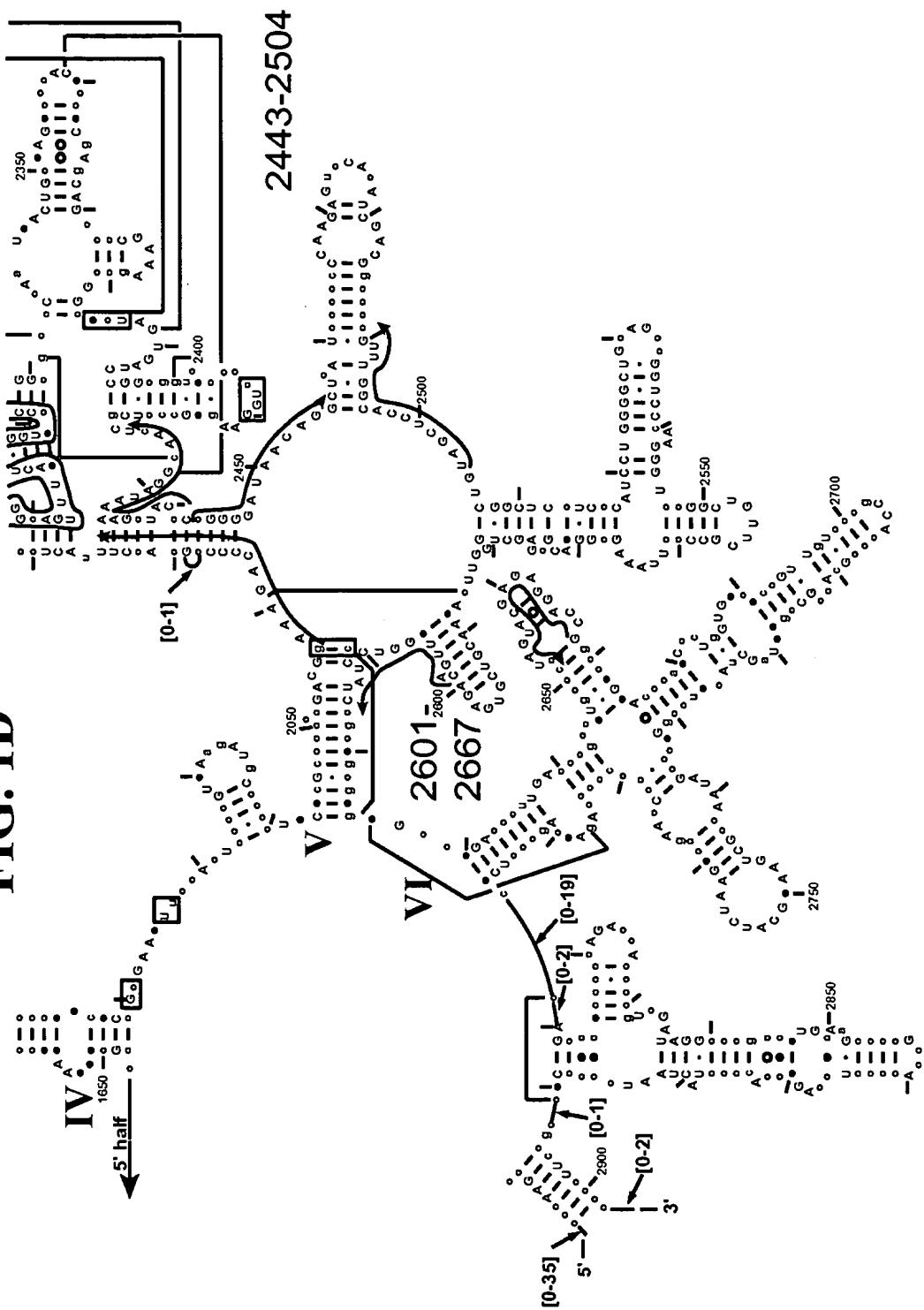


FIG. 1E

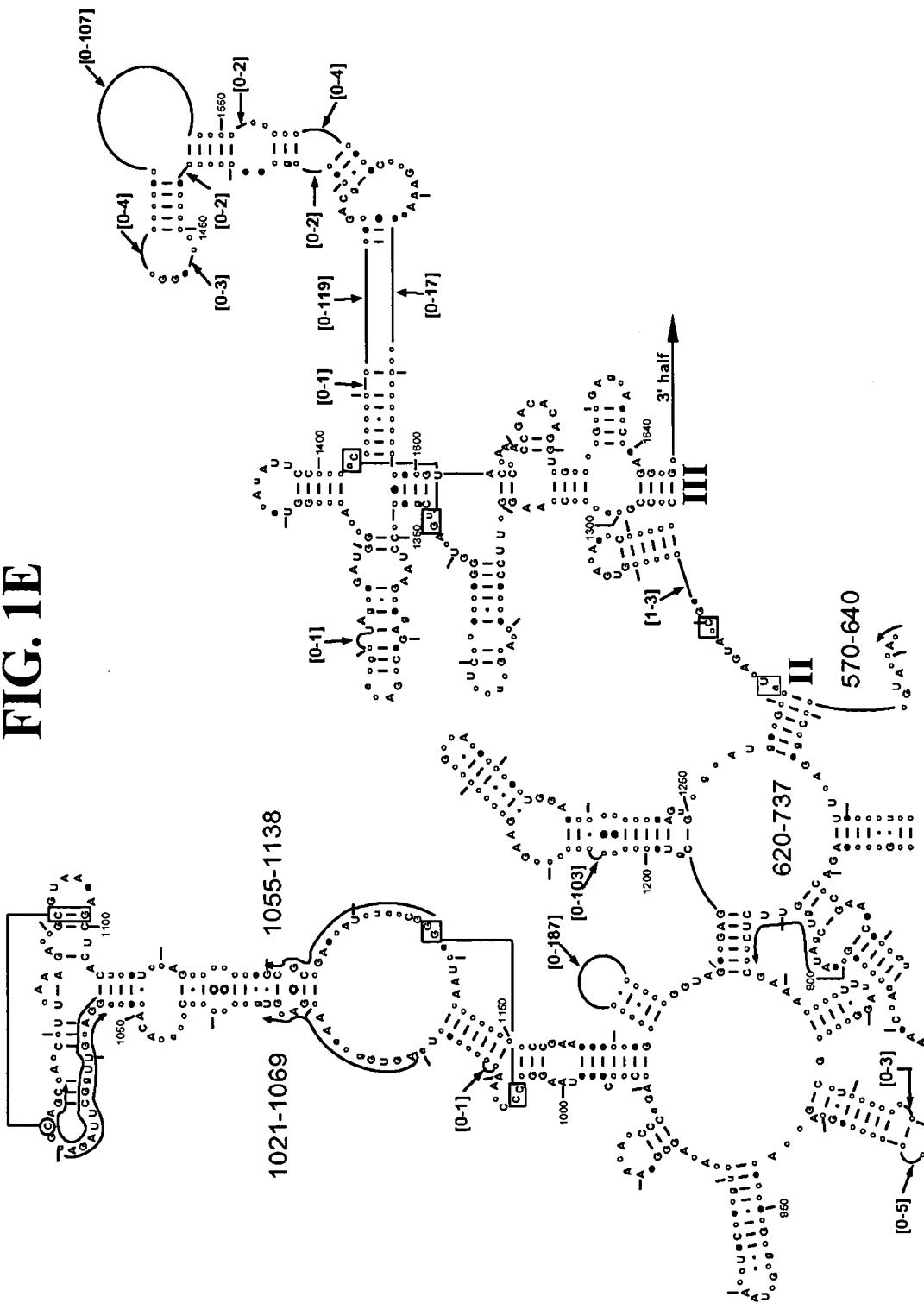


FIG. 1F

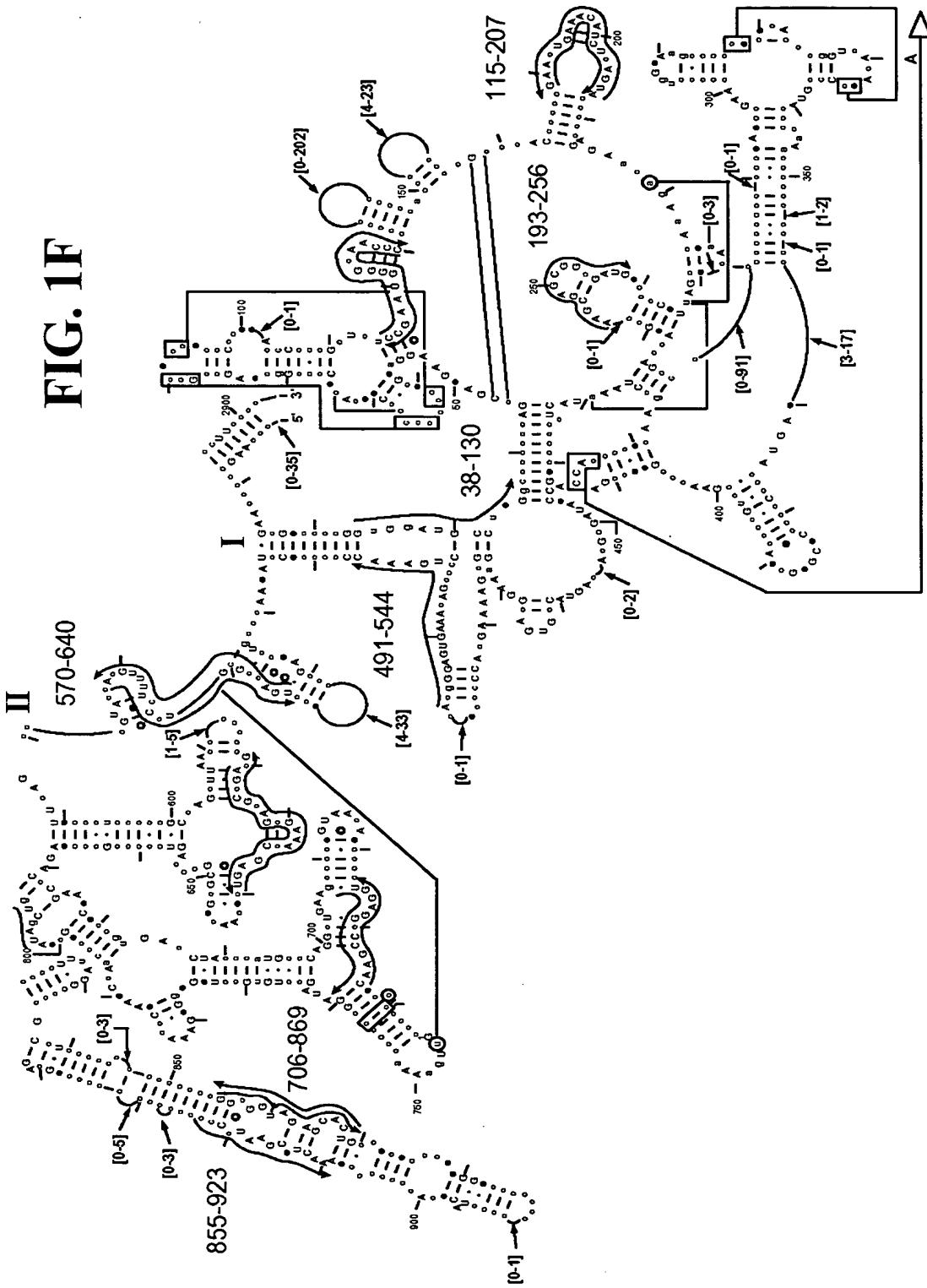
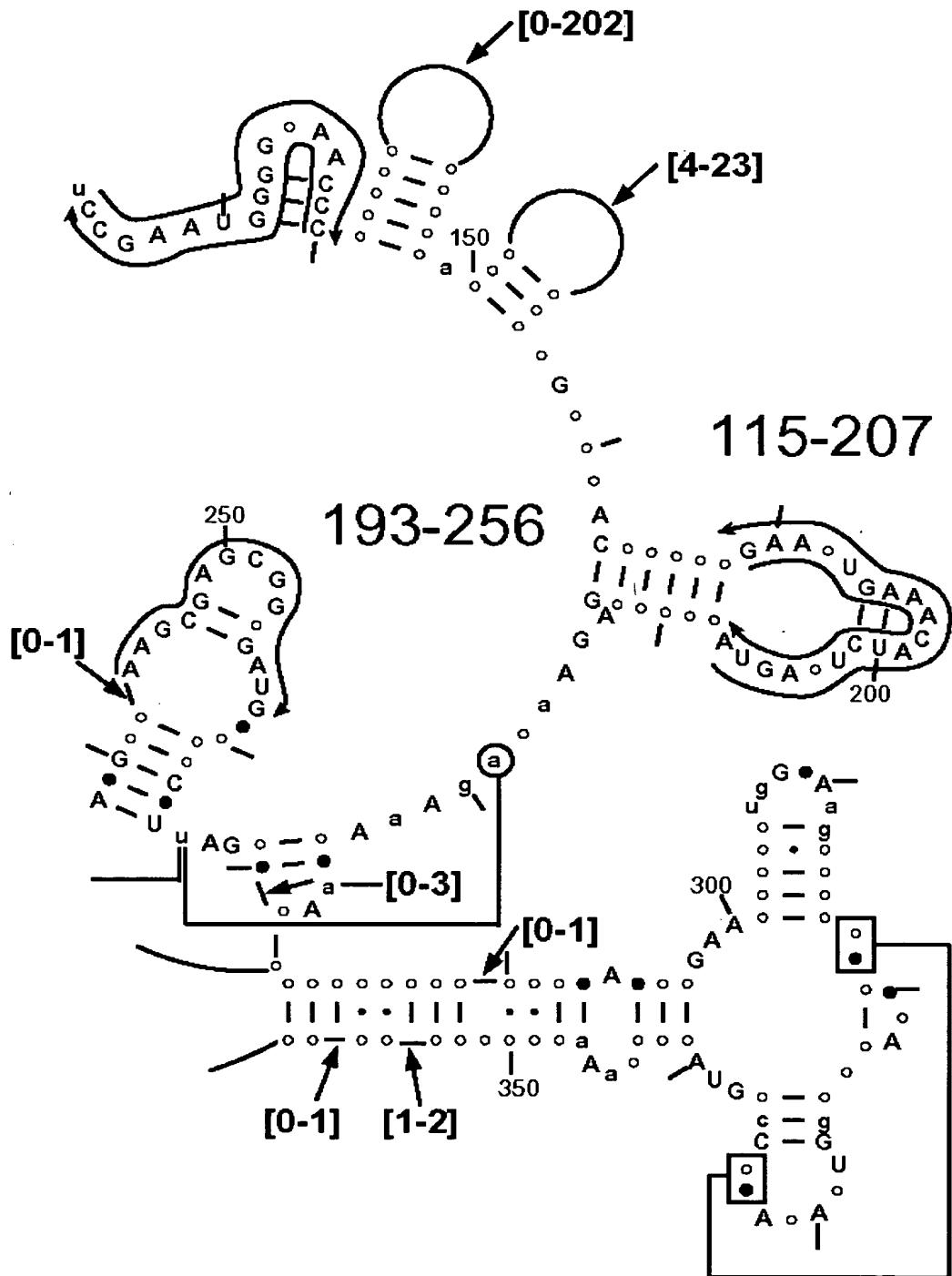


FIG. 1G



1840-1903

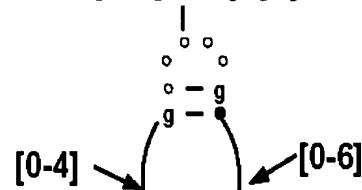
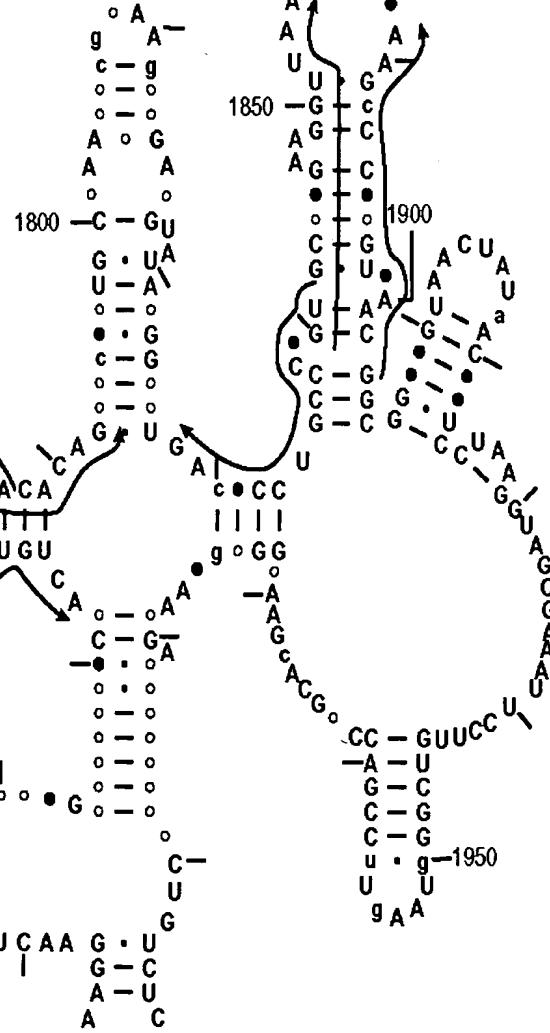


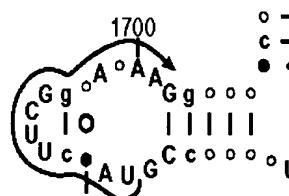
FIG. 1H

1778-1841



1688-1788

[6-53]



1700

1750

1800

1850

1900

1950

FIG. 2

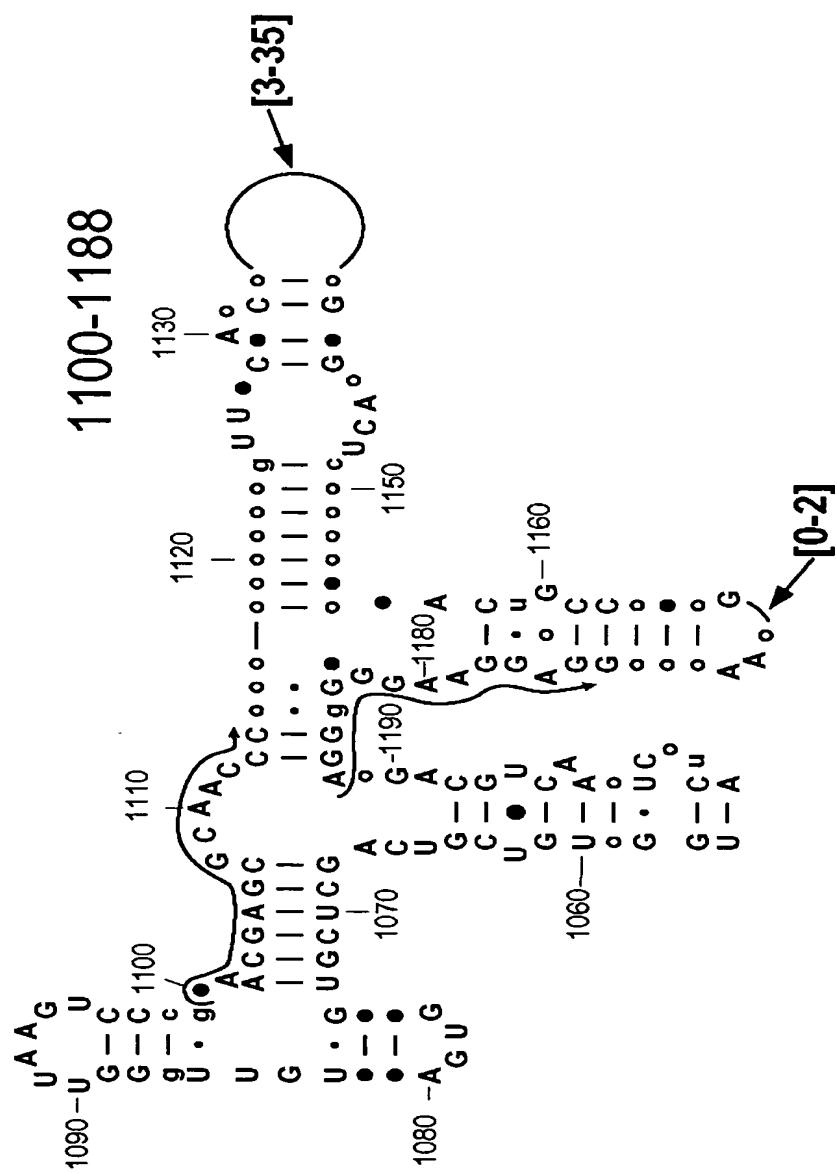


FIG. 3

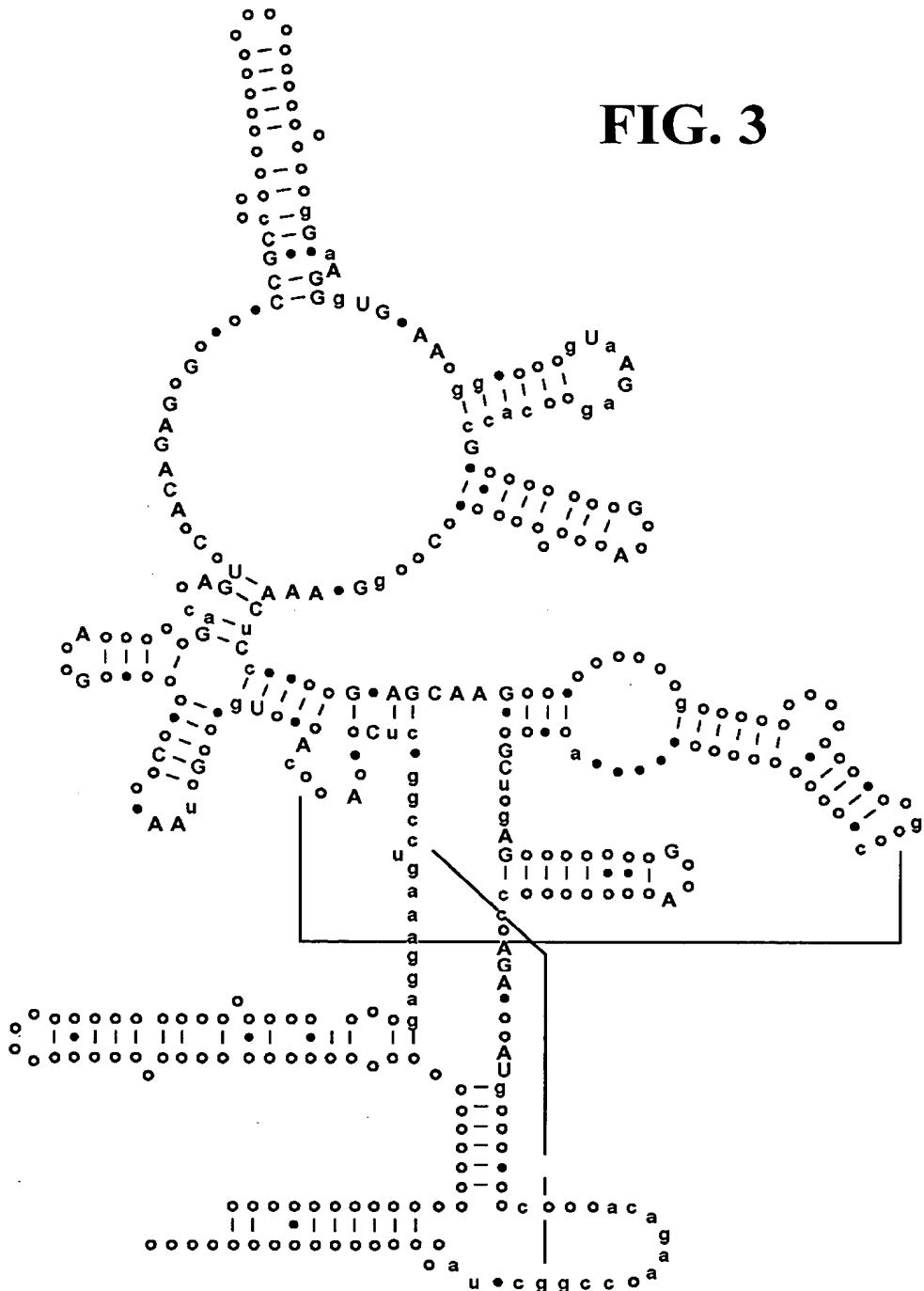


FIG. 4

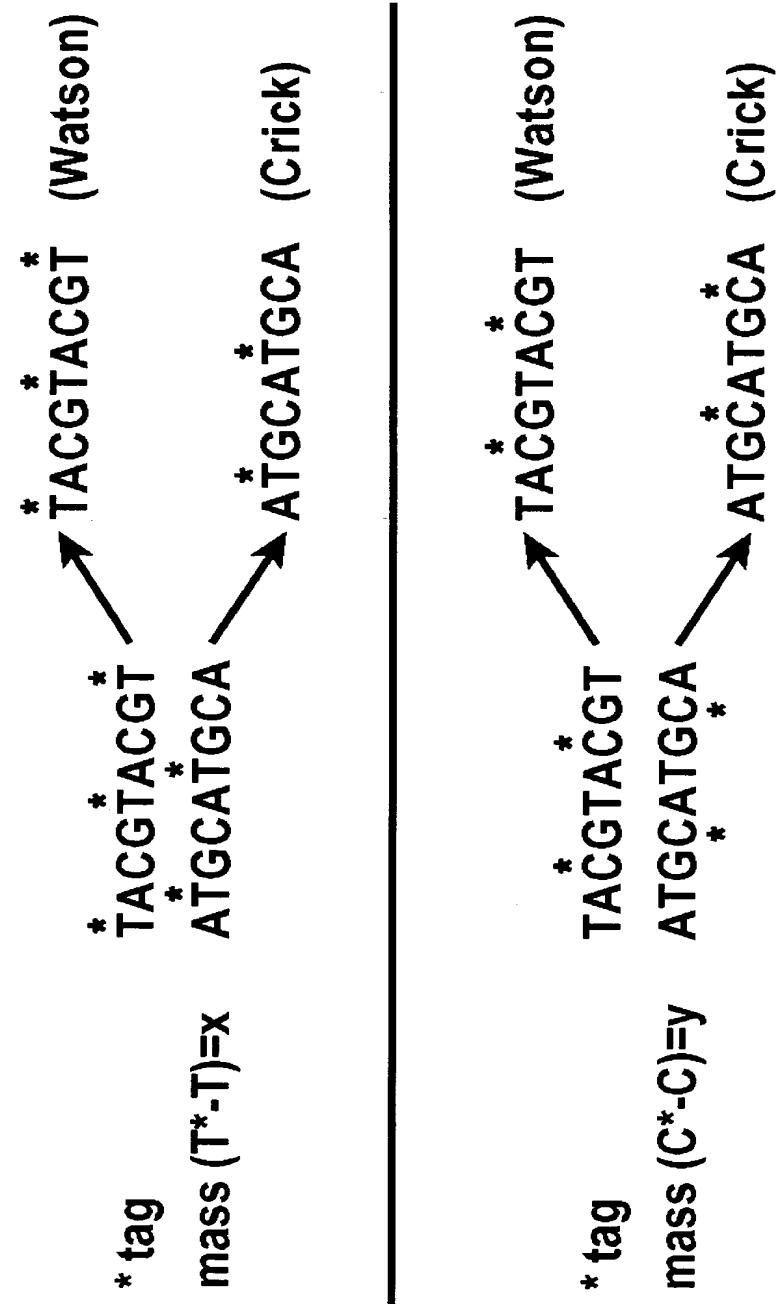
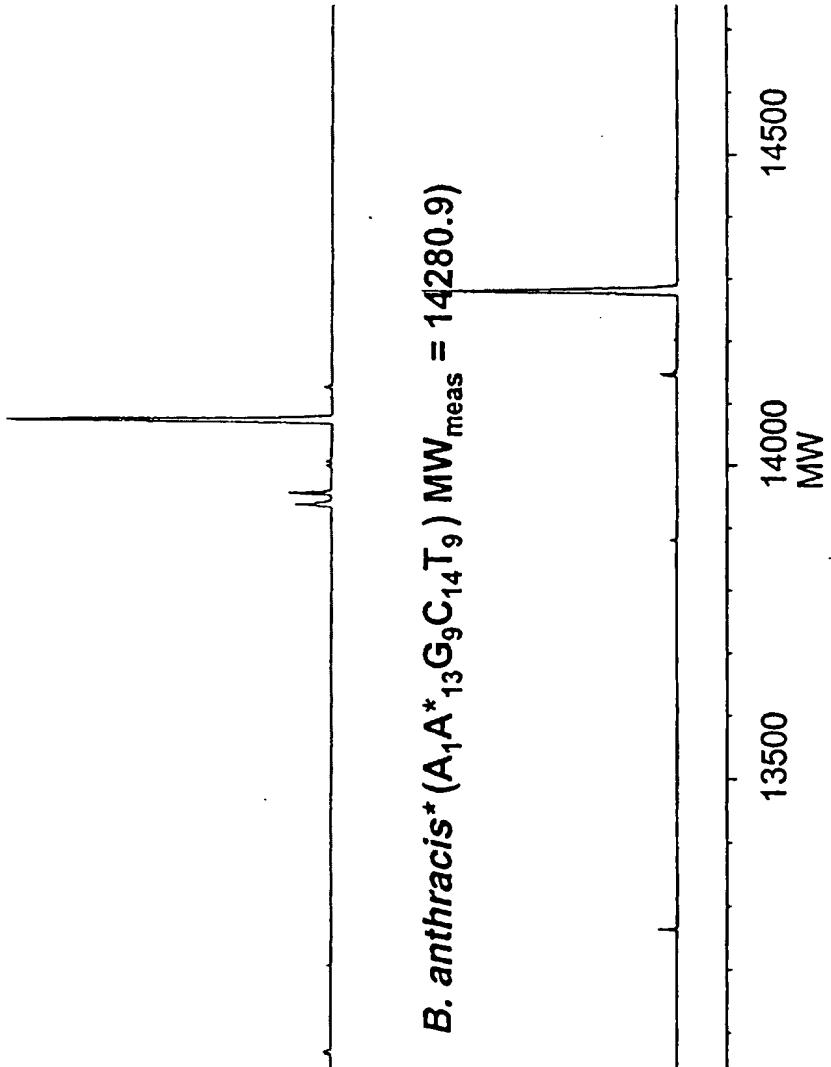


FIG. 5

B. anthracis ($A_{14}G_9C_{14}T_9$) $MW_{meas} = 14072.2$)



*B. anthracis** ($A_1A^*G_9C_{14}T_9$) $MW_{meas} = 14280.9$)

FIG. 6

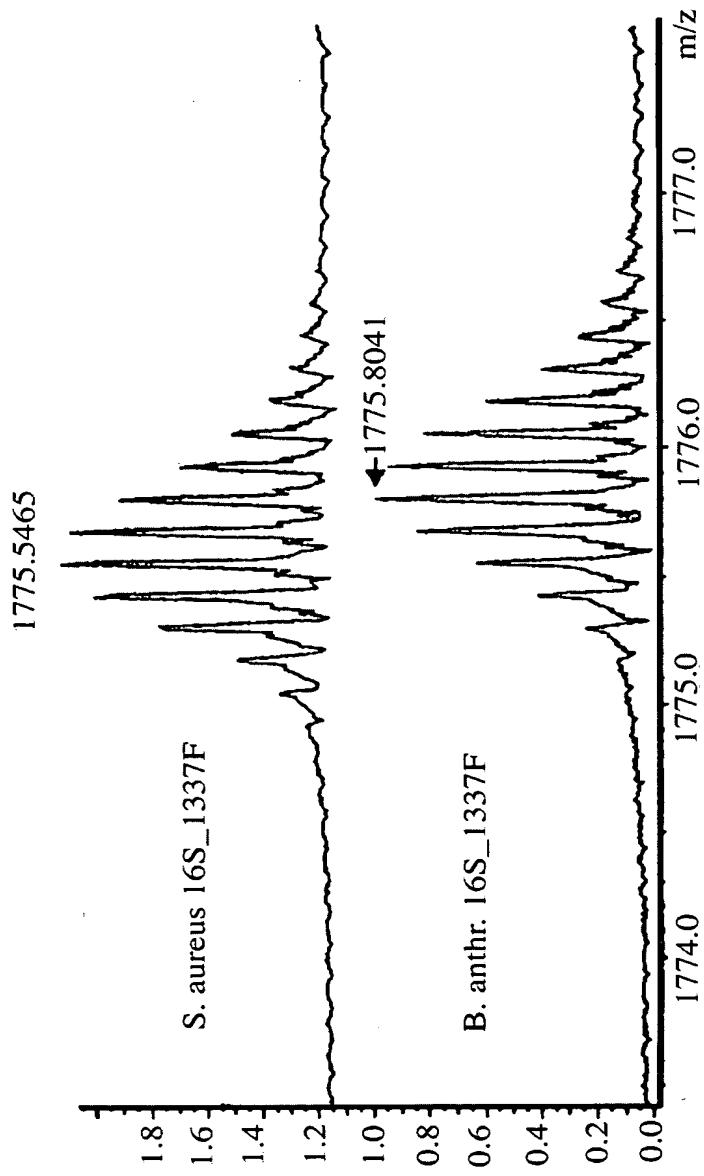


FIG. 7

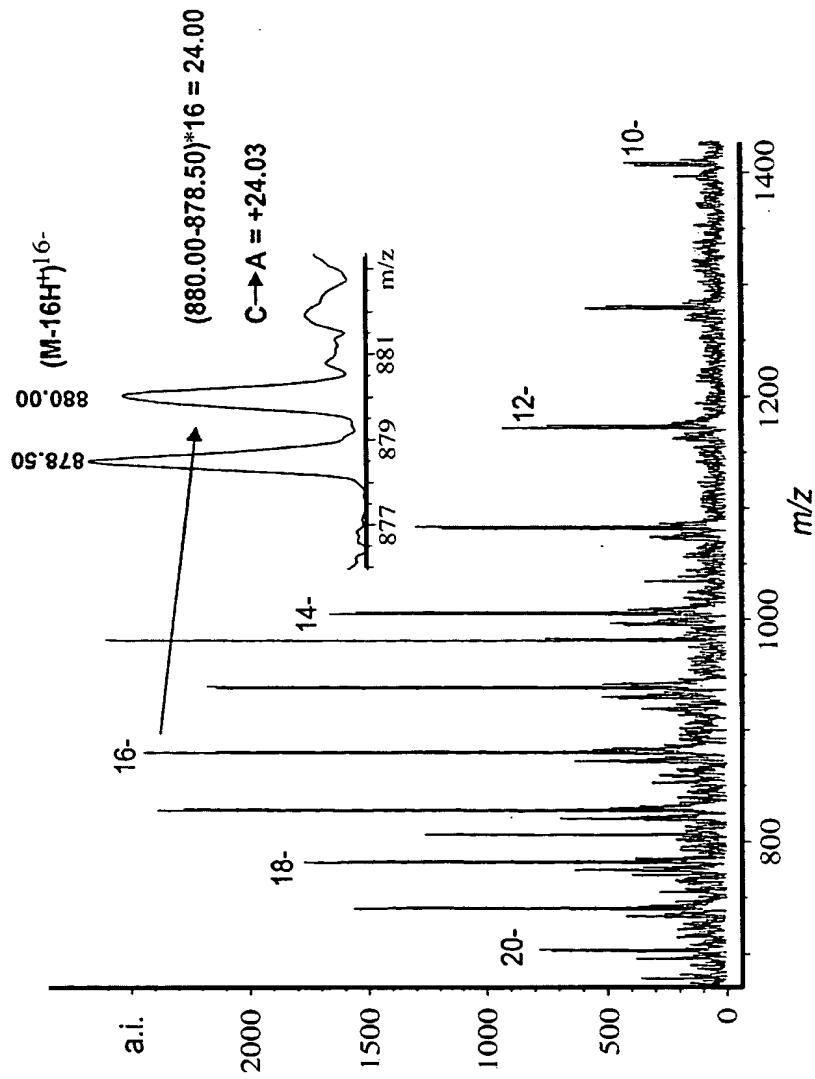


FIG. 8

ESI-TOF MS of sspE 56mer + Calibrant

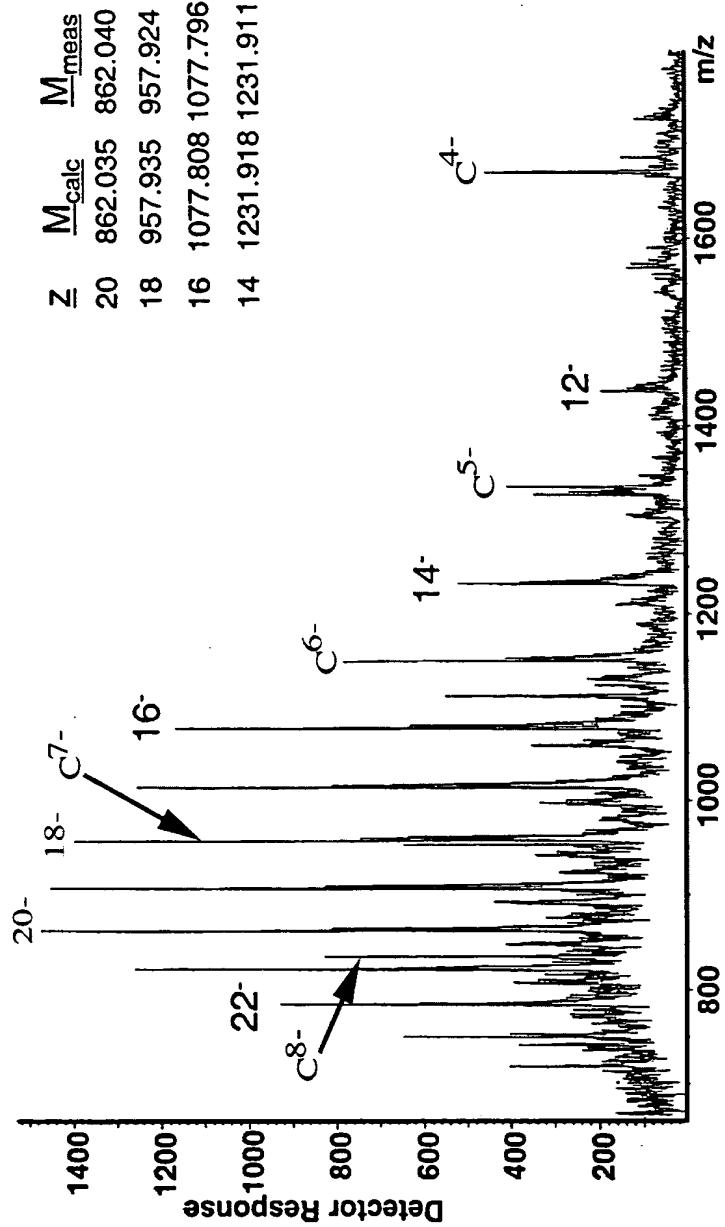


FIG. 9

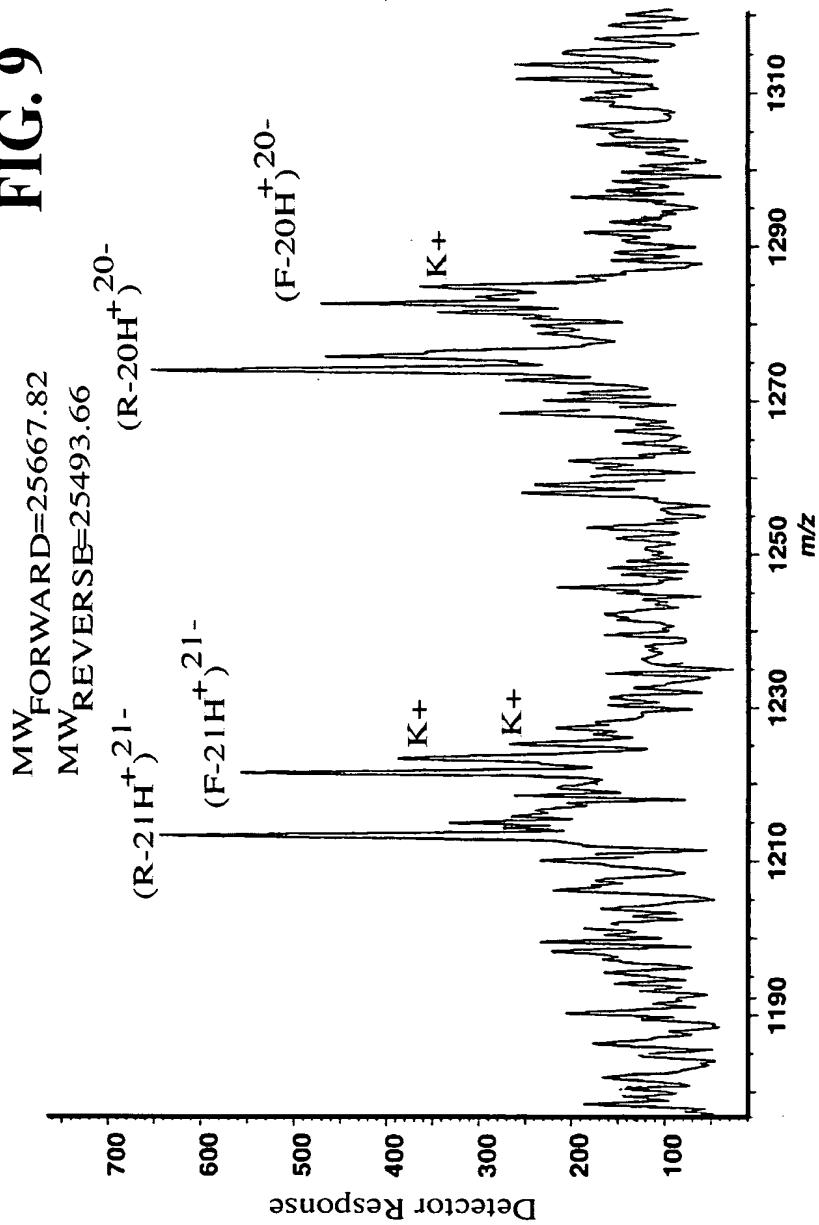


FIG. 10

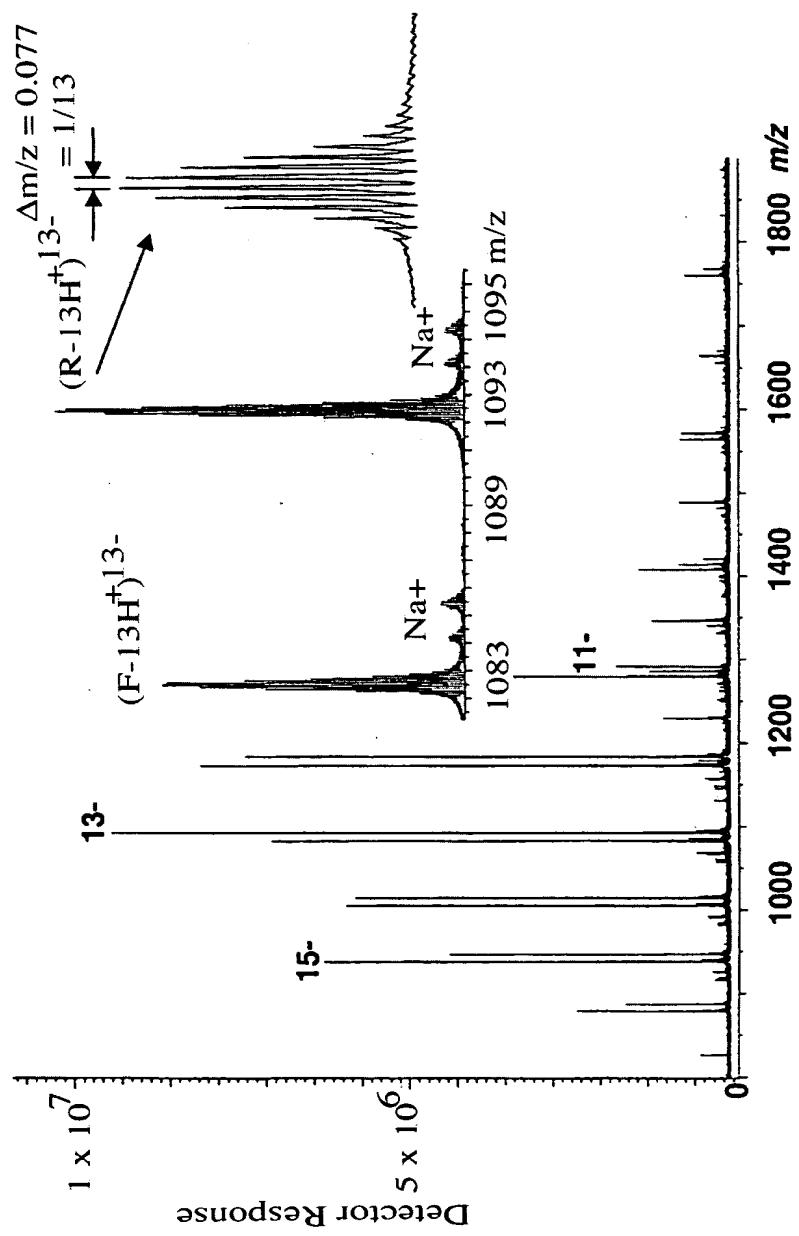


FIG. 11

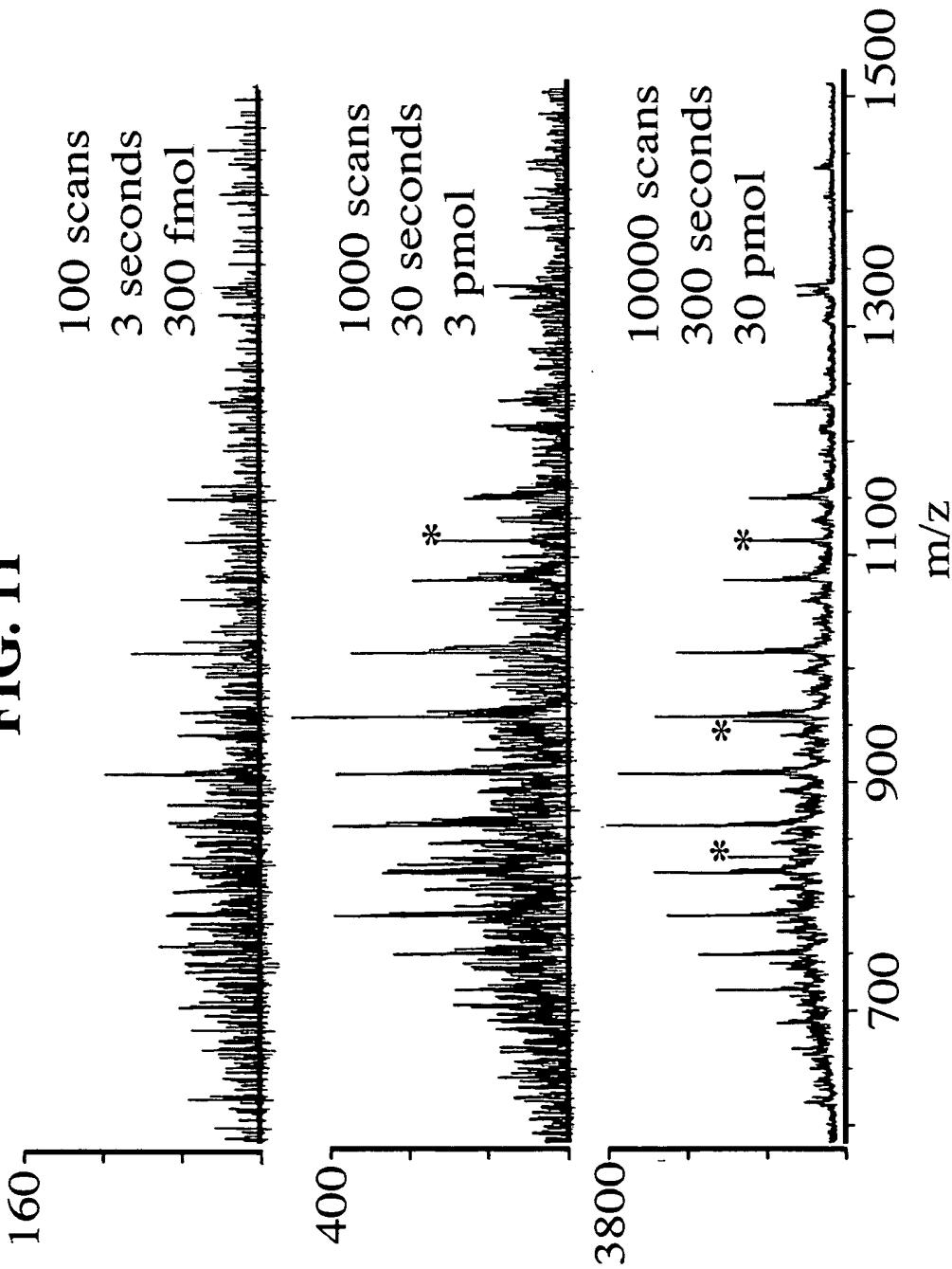


FIG. 12

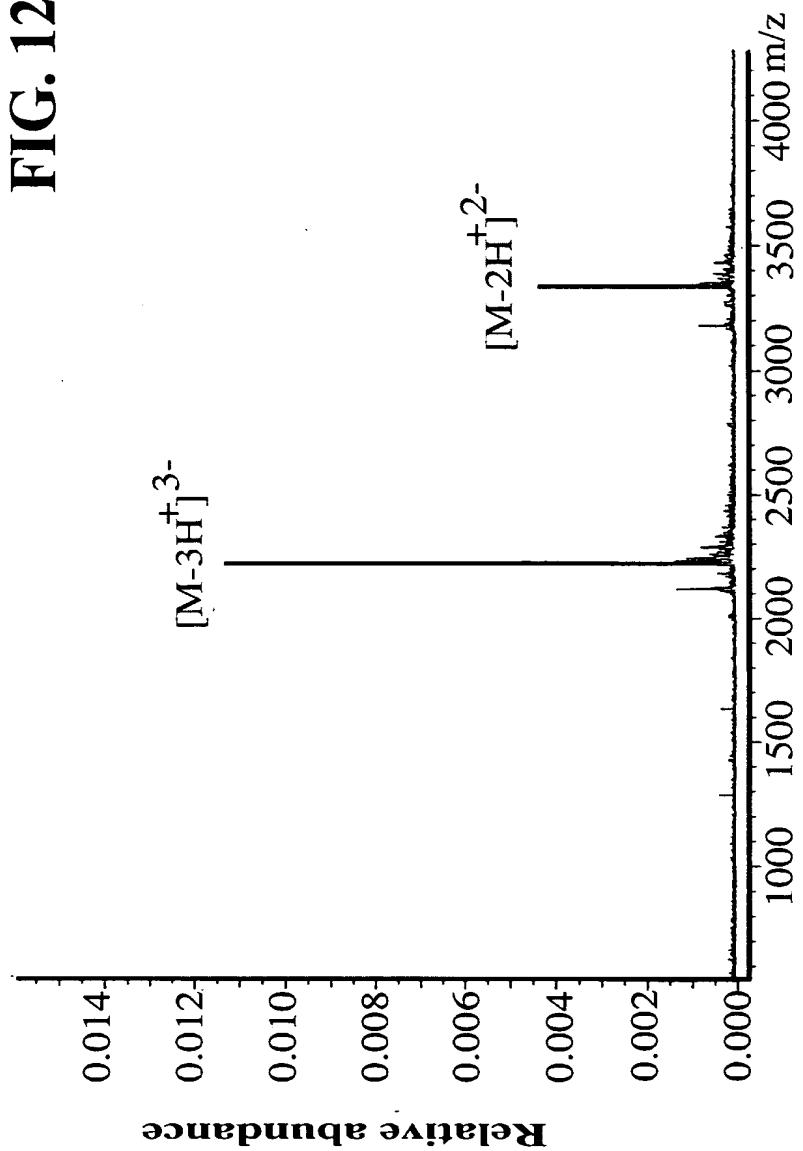


FIG. 13

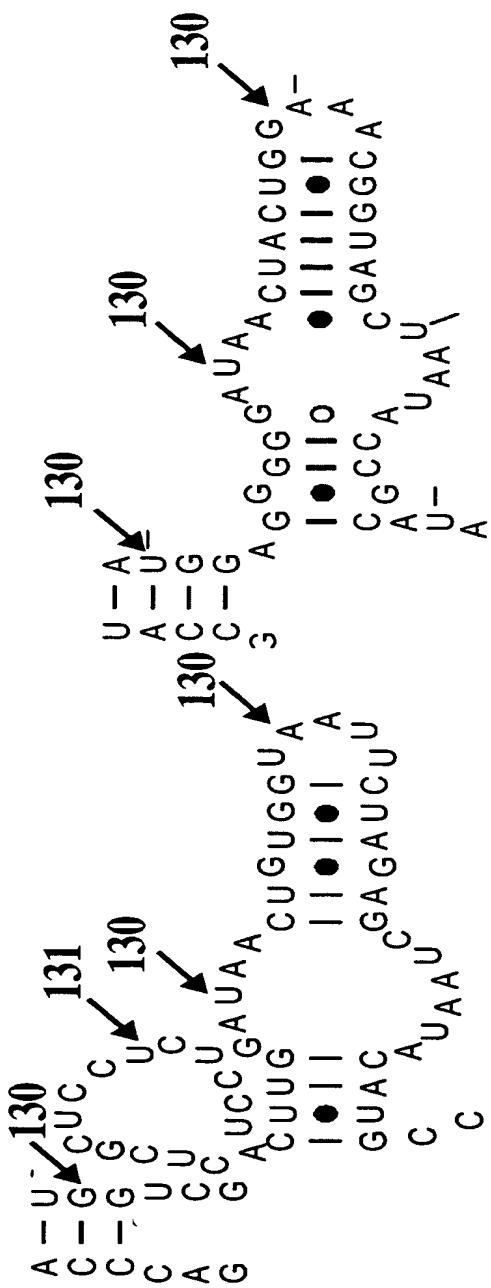
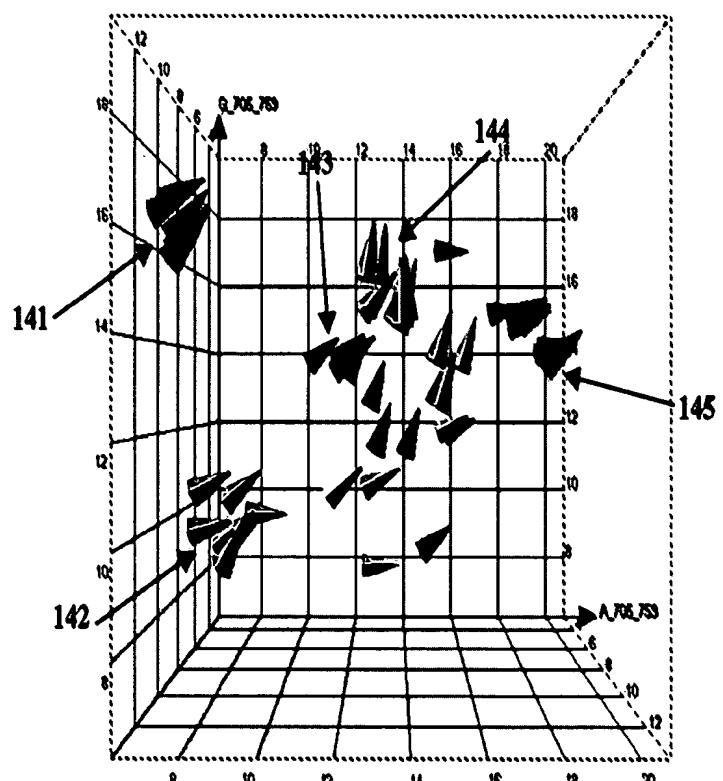


FIG. 14



Picorno RdRp 705-759

- | | | | |
|------------------------------|--------------------------------|-----------------------|----------------------|
| ■ Encephalomyocarditis virus | □ Foot-and-mouth disease virus | ■ Polio | □ Rhinovirus |
| ■ Enterovirus | ■ Hepatitis A virus | ■ Porcine enterovirus | ■ Simian Hepatitis A |

FIG. 15

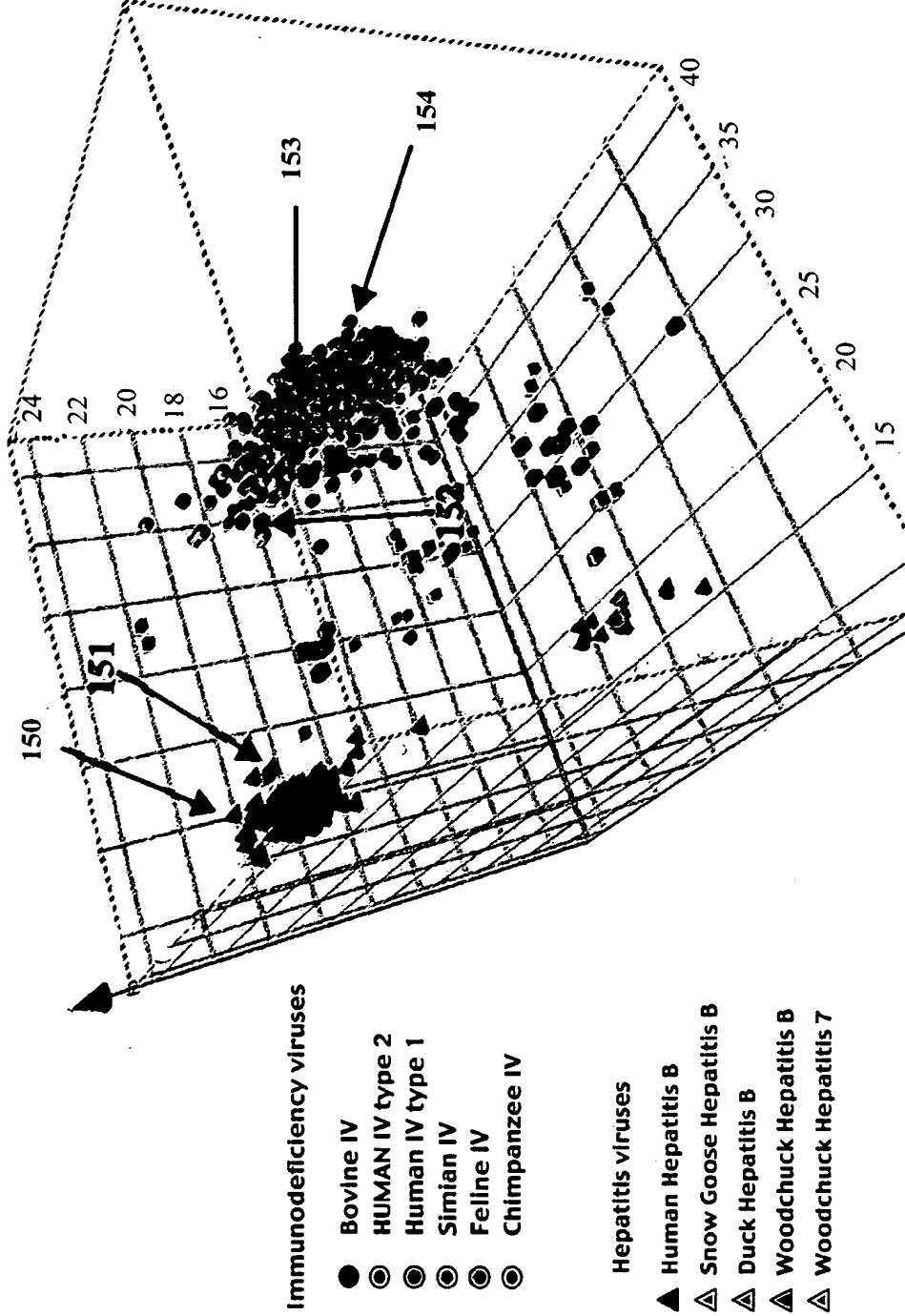
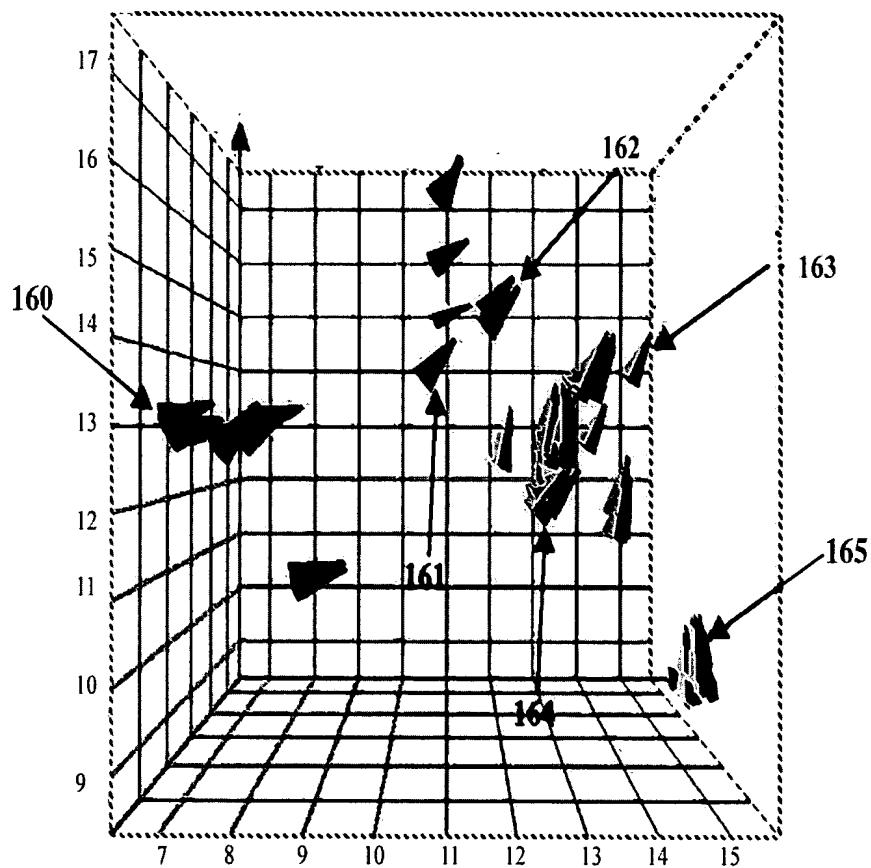


FIG. 16



Flavi RdRp 2453-2493

- | | | |
|---|---|--|
| <input type="checkbox"/> Dengue virus type | <input type="checkbox"/> Japanese encephalitis virus | <input type="checkbox"/> Tick-borne encephalitis virus |
| <input checked="" type="checkbox"/> Dengue virus type | <input type="checkbox"/> Kunjin virus | <input type="checkbox"/> West Nile virus |
| <input type="checkbox"/> Dengue virus type | <input type="checkbox"/> Murray valley encephalitis virus | <input type="checkbox"/> Yellow fever virus |

FIG. 17

